

IN THE CLAIMS

Please cancel claims 7, 21-28 and 41-57 and amend claims 1, 8 and 29 as follows:

B1
1. (Amended) A method for detecting whether a subject has or is predisposed to developing a disease or condition that is associated with an IL-1 inflammatory haplotype, comprising detecting a plurality of alleles from an IL-1 inflammatory haplotype selected from the group consisting of: an IL-1 44112332 inflammatory haplotype, and an IL-1 33441461 inflammatory haplotype, wherein the presence of the plurality of alleles indicates that the subject is predisposed to the development or has the disease or condition.

B2
8. (Amended) A method for selecting an appropriate therapeutic for an individual that has or is predisposed to developing a disease or disorder that is associated with an IL-1 polymorphism, comprising the steps of: detecting a plurality of alleles from an IL-1 inflammatory haplotype selected from the group consisting of: an IL-1 44112332 inflammatory haplotype, and an IL-1 33441461 inflammatory haplotype, and selecting a therapeutic that compensates for a causative functional mutation that is in linkage disequilibrium with the IL-1 alleles.

B3
29. (Amended) A method for treating or preventing the development of a disease or condition that is associated with an IL-1 polymorphism in a subject comprising the steps of: detecting a plurality of alleles from an IL-1 inflammatory haplotype selected from the group consisting of: an IL-1 44112332 inflammatory haplotype, and an IL-1 33441461 inflammatory haplotype; and administering to the subject a therapeutic that compensates for a causative mutation that is in linkage disequilibrium with the IL-1 inflammatory haplotype.

REMARKS

The above amendments enter no new matter. Support for the amendment to claims 1, 8 and 29 can be found, for example, at page 16, lines 30 to page 22, line 4. Claim 7 has been canceled. Applicants expressly reserve the right to pursue without prejudice the originally filed claims as well as other disclosed subject matter at a latter